hydrobiologia volume 312 (1995), contents

no. 1

Cyclomorphosis in a population of *Bosmina coregoni*
by M.E. Hellsten & J.A.E. Stenson 1–9

Microbial colonization, respiration, and breakdown of maple leaves along a stream–marsh continuum
by B.H. Hill & W.T. Perrotte, Jr. 11–16

Effects of food and silt on filtration, respiration and condition of the freshwater mussel *Hyridella menziesi* (Unionacea: Hyriidae): implications for bioaccumulation
by D.S. Roper & C.W. Hickey 17–25

An isolated population of fourhorn sculpins (*Myoxocephalus quadricornis*, family Cottidae) in a hypersaline high arctic Canadian lake
by M. Dickman 27–35

Copepoda Poecilostomatoida associated with Bivalvia from New Guinea
by J.H. Stock 37–45

Meiobenthos in mangrove areas in eastern Africa with emphasis on assemblage structure of free-living marine nematodes
by E. Ólafsson 47–57

High diversity and community permeability: the riparian Collembola (Insecta) of a Pyrenean massif
by L. Deharveng & S. Lek 59–74

no. 2

Observations on the plankton of some Costa Rican lakes
by K.A. Haberyan, G. Umaña, C. Collado & S.P. Horn 75–85

Ecological hazard/risk assessment: lessons learned and new directions
by J. Cairns, Jr. & K.L. Dickson 87–92

Water chemistry and periphyton in an alpine wetland
by D. Toetz 93–105

Differences in allozyme patterns between *Diaphanosoma brachyurum* and *Diaphanosoma mongolianum*, as revealed in Central European populations
by J. Müller & A. Seitz 107–114

Growth pattern and cellular nitrogen and phosphorus contents of the dinoflagellate *Peridinium penardii* (Lemm.) Lemm. causing a freshwater red tide in a reservoir
by Z. Kawabata & Y. Hirano 115–120

Chemical and isotopic composition of karstic lakes in Jamaica, West Indies
by J.A. Holmes, F.A. Street-Perrott, T.H.E. Heaton, D.P.F. Darbyshire, N.C. Davies & P.E. Hales 121–138

Enhanced early detection and enumeration of zebra mussel (*Dreissena* spp.) veligers using cross-polarized light microscopy
by L.E. Johnson 139–146

no. 3

On the reliability of Ponar grab samples for the quantitative study of benthic invertebrates in ponds
by L. Int Panis, B. Goddeeris & R.F. Verheyen 147–152

Populations and production of fish in two small tributaries of the Paraná River, Paraná, Brazil
by A.A. Agostinho & T. Penczak 153–166

Streblocerus superserricaudatus sp. nov. from Venezuela *(Macrothricidae, Anomopoda, Crustacea)*
by N.N. Smirnov, H. Alvarez & M. Castillo 167–170

Feeding selectivity of *Corbicula fluminea* (Bivalvia) on natural phytoplankton
by D. Boltovskoy, I. Izaguirre & N. Correa 171–182

Change of microplankton community structure in response to fertilization of an arctic lake
by P.A. Rublee & N. Bettez 183–190

Use of the index of biotic integrity to assess physical habitat degradation in warmwater streams
by F.D. Shields, Jr., S.S. Knight & C.M. Cooper 191–208

Books received 209–210

Book reviews 211–215

Author index 217